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ABSTRACT

An innovative component of the Federally-sponsored Bingham County career education project is the Programed Activities for Career Exploration (PACE) Center, a mobile unit offering programed student activities to assist individual students in career planning. The mobile center visits each high school in the county; the sophomore year is selected as the target grade for the career exploration activities, which are limited in size to groups of 12. A variety of media formats geared to a wide range of academic capabilities (sound filmstrips, taped interviews, microfilm, books, and pamphlet files) are available to students in separate learning stations. The program consists of six components: (1) interest identification (Kuder E General Interest Survey), (2) exploration activities (exploration of 15-20 occupations), (3) self-appraisel activity, (4) decision-making activities (identification of the career that is of most interest to the individual), (5) career planning (in the PACE center or in small groups), and (6) career guidance (continuing contact between student and counselor). The report also discusses administrational details of the program such as scheduling, staff, budget, and physical facilities. More than two-thirds of the document consists of supplementary exhibits within the appendixes--information and worksheets, PACE questionnaire, facility layouts, equipment, and instructional materials. (EA)

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P A C E C E N T E R

A Mobile Career Information and Exploration Center

Operated by

Bingham County Developmental Career Education
Emphasizing Career Awareness, Orientation, Exploration,
and Preparation for the World of Work

Exemplary Project in Vocational Education
Conducted Under
Part D of Public Law 90-537

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PACE CENTER

INTRODUCTION

The Programmed Activities for Career Exploration (PACE) Center is a major innovative component of the Bingham County Developmental Career Education Project funded by the U. S. Office of Education under Part D of the Vocational Education Amendments of 1968. Its purpose is to provide occupational, educational, and career information to assist the individual in selecting a career field which is most compatible with the person's interests, aptitudes, abilities, and goals.

To meet this objective the PACE CENTER is housed in a 12' x 44' mobile unit supplied with the most recent career, occupational, and educational information. Maintaining a variety of media formats, including sound filmstrips, taped interviews, microfilm, books and pamphlet files, makes the Center usable by students with a wide range of academic capabilities. Modern audio-visual equipment, in separate learning stations, enables students to individualize exploration activities and utilize the materials to greatest advantage.

Student activities in the CENTER are "programmed" to meet individual needs and goals. In order to provide for meeting the participant outcomes listed below, a program which includes identification of interests, self-appraisal, career exploration, goal-setting and planning activities, was designed by Project Staff and high school counselors. The sophomore year was selected as a target grade for career exploration activities on a small group basis within the PACE CENTER. While the mobile unit is at each high school, all sophomore students have the opportunity to participate in the activities. Groups are limited to twelve in order to allow all students access to the materials they desire to explore. Once all sophomore students in a school have been given the opportunity to utilize the CENTER, other students are scheduled.

Participant Outcomes for

PACE CENTER

The following learner outcomes have been established for tenth grade participants of the PACE CENTER program:

All students will:

1. Complete the Kuder E General Interest Survey.

2. Explore information describing at least five occupations in each of three high interest areas as determined from the Kuder General Interest Survey.

3. Complete a self-appraisal activity identifying and evaluating individual skills, interests, aptitudes, values and goals.

4. Make a tentative or realistic career decision.

5. Complete a career planning activity, briefly outlining appropriate actions for achieving the career goal.

6. Discuss career decisions, goals, and plans with a guidance counselor, teacher, or Career Information Aide.

Program

The program has five components designed to lead toward the achievement of the participant outcomes listed above. These components are:

I. Interest Identification: This is generally accomplished by having all sophomore students complete the Kuder E General Interest Survey prior to entering the mobile unit. The Survey is administered by either counselors or Project Staff and interpreted to students in small classroom groups. Also at this time, a general introduction to the PACE Center is given to acquaint students with the types of activities and materials to be found in the Center as well as the reasons for student involvement. This component requires at least two hours of student time and is done in the school prior to the visitation of the Center.

II. Exploration Activities: When students first come to the PACE Center, the aide gives a general introduction to the facility, including an overview of its purpose and goals. A sound filmstrip entitled "Choosing Your Career" is then viewed by the entire group to acquaint students with the process of career development. Following the filmstrip presentation students select, from their three highest

areas of interest as shown on the Kuder General Interest Survey, fifteen to twenty occupations for initial exploration. An information and worksheet entitled "Matching Interests and Occupations" is provided for assistance in identifying potential job fields. (See Appendix, Exhibit A) Students are then shown how to locate information and operate equipment.

The major portion of the time initially scheduled for student use of the Center is taken for exploration of career information. This activity is facilitated through the use of a "Job Comparison Worksheet" which students complete. (See Appendix, Exhibit A.) Students are also provided a folder in which to retain information and completed worksheets. These folders are retained by the school counselor for use in future guidance activities. They are also available to the student who wishes to return to PACE Center for additional exploration or other activities.

III. Self-Appraisal Activity: This includes identification of personal traits, educational experiences, leisure-time interests, work experience, future plans, and skill possessed by the student. A short worksheet entitled "My Career Exploration Worksheet" facilitates the completion of this activity in the Center (See Appendix, Exhibit C)

IV. Decision Making Activities: At two points in the PACE program, students make career decisions. The first is in the completion of "My Career Exploration Worksheet." Here the students identify the career which they are most interested in pursuing after they leave high school. The second is in the completion of the "Planning My Career" worksheet. (See Appendix, Exhibit D) Here students are requested to make career choices and to list some reasons for their choices.

V. Planning: This activity is accomplished after students have completed the exploration and self-appraisal phases. Because of the scheduling differences in each high school, completion of this activity occurs in two ways. First, time permitting, sophomores are scheduled for a second visitation period in PACE Center. At this time, they are requested to complete the worksheet entitled "Planning My Career." (Appendix, Exhibit D) If it is not possible for students to have a second session in the unit, the planning activity is completed in small-group follow-up sessions with the school counselor, or as part of classroom activity directed by a teacher.

VI. Career Guidance: As part of the overall utilization of PACE Center, students may conference with the high school counselor, Project Staff, or other teachers concerning occupational goals. In each high school, information centers have been established in which students may continue exploration activities initiated in the PACE Center. In addition, teachers assist students in guidance activities in the

classroom and encourage utilization of the resources provided by PACE and the counselor's office. The guidance program directed by each school counselor allows for continuing contact between student and counselor, thus insuring that the process of Career Exploration does not end with the PACE experience.

Junior/Senior Program

The whole guidance personnel and Project staff determine what activities will best meet the needs of these student groups. Priority in scheduling goes to students who have had no opportunity to visit PACE Center. For these students, major emphasis is placed on the Exploration Activities described above, and in career guidance activities, especially conferring with the counselor.

As time permits at each high school, students who have previously visited the center may be scheduled to return. Students may then choose to recycle through as many of the program activities as each desires, making appropriate adjustments to goals and plans.

Scheduling

PACE Center is allocated to each of the five high schools participating in the Project on the basis of student enrollment. The Center is scheduled at each site once during each semester. The target group--sophomore students--is given priority in the scheduling. Sophomores are scheduled by the school counselor in groups of twelve for a period of three hours. This makes it possible for the Center to accommodate twenty-four students per day. Once all sophomores have been given the opportunity to complete the PACE program, other students are scheduled to use the Center as it is available. For juniors and seniors, scheduling is usually accomplished through the Counselor's office in order to insure the Center is not overcrowded at any one time. In addition, teachers can make arrangements to bring students to the center during class periods. Allowing for flexibility in scheduling use of the Center maximizes individual opportunities for students, and allows for differences in needs between the high schools served.

Staffing of PACE Center

At its inception, the PACE Center was staffed full-time by a vocational guidance counselor. An evaluation of the tasks required by the activities program determined that the expertise of a skilled counselor was not required to accomplish the basic objectives of the program, nor to adequately perform the various duties required in the operation of the Center.

As a result of this evaluation, a Career Information Aide was hired to operate the Center in cooperation with the guidance counselor in each of the participating high schools. A role description for the Career Information Aide is provided in the Appendix. (See Exhibit E) The Aide works closely with each counselor in the five high schools and counselors from time to time work with small groups of students in the Center.

Training Program for Career Information Aide

The operation of a career information center by an aide requires that an adequate training program be made available to insure that the aide possesses some competency in dealing with students in such a setting. It is vitally important that the aide enjoy working with teenagers and is able to develop rapport easily and quickly. In addition, the goals of the training program for a career information aide include the following:

As a result of the training program the aide will:

1. Develop an understanding of the concept of Career Education and the goals of the local program.

2. Develop an understanding of the role of information and planning activities as part of the process of career development and career guidance.

3. Possess a working knowledge of career information resources and the materials houses in the Center.

4. Be able to operate and maintain the equipment in the Center.

5. Establish a working relationship with school personnel.

Training Program Outline

In order to achieve the goals above the training program outline includes the following:

I. Concepts of Career Education

   A. Philosophy and goals of Career Education
   B. National, state and local programs in Career Education

II. Concepts of Career Guidance Programs

   A. Philosophy and goals of career guidance
   B. Process of Career Development and occupational choice
      1. Use of tests for interest and aptitude
      2. Interpretation of interest surveys
   C. Uses of Career Information in Guidance
      1. Printed and audio-visual materials available
      2. Locating career information
      3. Use of materials
      4. Use of non-media resources
      5. Operation of PACE Center
         a. PACE Center activities
         b. Materials and Equipment

III. Practicum in operation

   A. Orientation
   B. Supervised operation of center

Evaluation:

Project staff and high school counselors are involved in continuous evaluation of the PACE Center activities. Because of the nature of the small group activities, observation and conferencing with students enables Project staff to evaluate the program of activities directly on a day-to-day basis. In addition, a survey questionnaire is given to a representative sample of students who have completed the PACE Center activities. A copy of this form is included in the Appendix. (See Exhibit F)

Budget Estimates for Facility, Equipment and Materials

Following is a summary of expenses projected for the establishment and operation of PACE Center. Project funds, of course, are utilized for the major portion of support. However, as the program continues in operation beyond the termination of the Project, expenses will be assumed by the local districts. Initially, costs per student are high, slightly over $11 for each of the 2000 potential users; to establish the Center. Operations budgets beyond the first year reduce the costs to approximately $3 per student.

Not included in the budget summary is the cost of moving the mobile unit from site to site. This will vary according to distance travelled and depend upon whether moving service is contracted or equipment is available for use in moving the unit. The project purchases a used tractor set up to transport mobile homes as this was determined to be of lower cost over a long-run operation period.

Budget Summary
Estimates

	Project Funds	L.E.A. Contribution	Anticipated Second Year
Staff:			
Aide	$ 4000.00		$4000.00
Facilities:			
PACE Center Mobile Unit	8500.00		
Installation of utility access at site $250		$1250.00	
Utilities @ $50 per month		450.00	(450.00)*
Maintenance			200.00
Equipment:			
Office	460.00		
Fixtures	400.00		
Audio-visual	1600.00		200.00
Instructional Materials:			
Books & Pamphlets	600.00		50.00
Audio-visual	4100.00		500.00
Consumable:			
Testing	1100.00		500.00
Subscription services	80.00		80.00
Miscellaneous	100.00		50.00
Totals	$20,940.00	$1700.00	$5580.00
			$(450)*

* LEA Contribution

PHYSICAL FACILITY
PACE CENTER

DESCRIPTION

The PACE CENTER is a 12' x 48' (overall) mobile unit built by a mobile home builder. (See Appendix, Exhibit G for floorplan)

12' x 44' shell with 2" x 4" sidewall studs on 16" centers, 3/16' interior paneling (light oak), insulated with 3 1/2" insulation in the walls, 6 1/2" insulation in the ceiling, and 6 1/2" insulation in the floor. Aluminum foamcore insulated exterior siding. Interior cabinet and counter-top materials coordinated with paneling.

Inside is open with no cross-walls, full-length center-run fluorescent lighting, wall-to-wall carpeting and self-contained electric furnace with integral refrigerated air-conditioning ducted under the floor to four vents.

Toilet and lavatory facilities are not included.

Two separated doorways are placed on the same side of the unit. Dead-bolt security locks and storm doors are provided. No windows are included.

Unit is towable, frame is reinforced. Stop, signal and marker lights are permanently attached and wired for quick-connect to towing vehicle. "Wide load" and flasher lights conforming to state law are permanently attached to the backs of the units. Tandem axles with electric brakes are provided; suspension is adequate for trailer weight and 2000 to 4000 pounds of installed equipment. Six storable leveling jacks and two portable stairs are provided for each unit.

Units require 150 amp. 220v/110v service with two external weather proofed junction boxes, one 100 amp. and one 50 amp. and two 15' heavy duty weatherproofed entrance cables for connection to electrical service at site locations. Units are equipped with grounded 110v double outlet boxes located 32 inches apart on the full perimeter of each unit and 40" above the floor. All wiring meets applicable national, state and local codes.

Two fire extinguishers and other equipment necessitated by the Occupational Safety and Health Act is provided for each unit.

Interiors of each unit were constructed with the built-in counters and storage cabinets as noted in the floor plans.

Inasmuch as possible, construction conformed to trailer-house standards to minimize the cost factors of custom building the units.

Recommended additions:

The following recommendations are a result of the operation of the mobile units. It is recommended that:

Exterior lights over the doorways be provided for safety and security.

Adequate ventilation be provided in addition to air conditioning.

Two rows of lights be positioned above counter work areas to prevent glare and shadows.

Heavy-duty storm doors or heavy duty trailer-house doors be provided.

Specifications

Body Dimensions: 12' x 45'. (12' x 48' overall)

Doors: Two exterior doors, 2'8" x 6'8" with storm doors.

Steps: Two steel steps and landings for entrances that are lightweight, collapsible and easily transported.

Frame: Heavy duty frame and hitch.

Walls: 2" x 3" studs on 16" centers
1/4" interior paneling
.019 gauge ribbed-aluminum outside

Roof: Trusses with 1/2" plywood under heavy gauge aluminum.

Floors: 2" x 6" Standard fir joint on 16" centers, 3/4" particle board.

Insulation: Wall - 3 1/2" fiber glass
Roof - 6" fiber glass
Floor - 6" fiber glass

Lighting: Fluorescent direct lighting - 100 ft. candles at 30" above floor.

Undercoating: Asphalt based undercover or coating.

Tires and axle: Tandem axle and four electric brakes, Tires - eight ply nylon 14.7 x 5.

Carpeting: Carpeting throughout - 1/10 gauge, 270 pitch, 8.2 rows per inch, .150" pile height, 26.5 ounces per yard, shock proof/ static free, soil/water/stain resistant, gold/green in color, primary and secondary jute back with rubber waffle type padding; color selection to be approved prior to installation.

Equipment and Instructional Materials

The Appendix (See Exhibit H) contains a listing of the equipment, instructional materials and supplies utilized in the PACE Center during the first year of operation. Included is an estimate of costs and sources of supply.

Evaluation of Materials: This listing includes many of the best materials available in the fall of 1973. At this time, even more and better materials are on the market for use in occupational exploration. As these materials represent a major expense in the establishment of the Center, careful evaluation and selection procedures should be implemented to assure wise use of funds.

APPENDIX

Exhibit A

Matching Interests and Occupations

Information Sheet

MATCHING INTERESTS & OCCUPATIONS

Identify your three highest interest areas above each column, then write in the JOB TITLE and the DOT #'s for as many jobs in each area as you would like to explore.

INTEREST AREA 1		INTEREST AREA 2		INTEREST AREA 3	
JOB TITLE	DOT #	JOB TITLE	DOT #	JOB TITLE	DOT #

17,18

OPPORTUNITIES FOR CAREER PREPARATION

DIRECTIONS

THIS IS A LIST OF OCCUPATIONS RELATED TO THE TEN CATAGORIES OF THE KUDER E GENERAL INTEREST SURVEY. SINCE SOME JOBS MAY APPEAR IN MORE THAN ONE GROUP, YOU MAY WANT TO COMBINE TWO OR MORE AREAS, SUCH AS OUTDOOR AND SCIENTIFIC. MOST OF THE JOBS LISTED ALSO HAVE SEVERAL RELATED OCCUPATIONS WHICH YOU MAY WANT TO CONSIDER.

1. REVIEW BELOW THE DEFINITIONS OF EACH INTEREST AREA FROM THE KUDER GIS, THEN LOCATE THE INTEREST AREAS YOU WOULD LIKE TO EXPLORE.
2. ON THE LAST PAGE OF THIS GUIDE IS A WORKSHEET WHICH MAY HELP YOU IN YOUR EXPLORATION AND PLANNING.
3. WHAT THE NUMBERS MEAN: YOU CAN USE THESE NUMBERS TO QUICKLY LOCATE CAREER INFORMATION FILED IN THE COUNSELOR'S OFFICE OR MEDIA CENTER.

DEFINITION OF INTEREST AREAS:

OUTDOOR INTEREST MEANS YOU LIKE BEING OUTSIDE MOST OF THE TIME. PEOPLE WHO HAVE HIGH OUTDOOR INTEREST ENJOY NATURE AND ACTIVITIES LIKE BIKE RIDING, CAMPING, HIKING, OR OTHER OUTDOOR LEISURE ACTIVITIES. IF THIS DESCRIBES YOU, CONSIDER A JOB WHICH TAKES YOU OUTSIDE PART OR ALL OF THE DAY, SUCH AS CIVIL ENGINEERING, AGRICULTURE, CONSTRUCTION WORK, OR LAW ENFORCEMENT.

MECHANICAL INTEREST INDICATES YOU LIKE WORKING WITH MACHINES AND TOOLS, PERHAPS BUILDING OR REPAIRING SOMETHING, MAKING CLOTHES OR COOKING. MECHANICS, CARPENTERS, DENTAL ASSISTANTS AND ENGINEERS USUALLY HAVE HIGH MECHANICAL INTERESTS

COMPUTATIONAL INTEREST SHOWS YOU LIKE TO WORK WITH NUMBERS AND PROBABLY ENJOY MATH GAMES AND PUZZLES. HIGH INTEREST IN THIS AREA SUGGESTS YOU MIGHT LIKE SUCH JOBS AS BOOKKEEPER, ACCOUNTANT, BANK TELLER, OR COMPUTOR OPERATOR.

SCIENTIFIC INTEREST MEANS THAT YOU LIKE TO SOLVE PROBLEMS OR DISCOVER HOW THINGS ARE MADE OR WORK. YOU MAY ENJOY STUDYING BIOLOGY, CHEMISTRY, OR EARTH SCIENCE, OR WORKING ON EXPERIMENTS. DOCTORS, NURSES, RADIO/TV REPAIRMAN, PILOTS AND FORESTERS USUALLY HAVE HIGH SCIENTIFIC INTERESTS.

PERSUASIVE INTEREST MEANS THAT YOU LIKE TO MEET AND DEAL WITH PEOPLE AND TO PROMOTE PROJECTS OR SELL THINGS. YOU MAY ENJOY STUDENT GOVERNMENT, SPEECH AND DEBATE OR JUST "TALKING TO PEOPLE". MOST ACTORS, MODELS SALESPEOPLE, WRITERS AND MANAGERS HAVE HIGH PERSUASIVE INTERESTS.

ARTISTIC INTEREST MEANS YOU LIKE TO DO CREATIVE WORK WITH YOUR HANDS. IT IS USUALLY WORK THAT HAS "EYE APPEAL" INVOLVING ATTRACTIVE DESIGN, COLOR, AND MATERIALS. PAINTERS, ARCHITECTS, DESIGNERS, BEAUTICIANS AND ADVERTISING ARTISTS ALL DO "ARTISTIC" WORK.

LITERARY INTEREST SHOWS THAT YOU LIKE TO READ AND MAY ENJOY CREATIVE WRITING. YOU PROBABLY LIKE ENGLISH, HISTORY OR JOURNALISM AND ENJOY CROSSWORD PUZZLES AND STORIES OR NOVELS. "LITERARY" JOBS INCLUDE REPORTERS, EDITORS, LIBRARIANS, TEACHERS AND HISTORIANS.

MUSICAL INTEREST SHOWS YOU LIKE LISTENING TO CONCERTS, PLAYING MUSIC, OR SINGING. MUSIC TEACHERS, MUSICIANS, AND DANCERS USUALLY HAVE HIGH MUSICAL INTERESTS.

SOCIAL SERVICE INTEREST INDICATES THAT YOU LIKE HELPING PEOPLE, PERHAPS WORKING WITH THOSE WHO ARE SICK, OR DISCOURAGED, AND THOSE WHO WANT TO LEARN. LAWYERS, TEACHERS, HEALTH SERVICE WORKERS, PSYCHOLOGISTS, AND RECREATION WORKERS USUALLY HAVE HIGH SOCIAL SERVICE INTERESTS.

CLERICAL INTEREST MEANS YOU LIKE WORK THAT REQUIRES PRECISION AND ACCURACY. JOBS SUCH AS SECRETARY, BOOKKEEPER, DENTAL ASSISTANT, KEY-PUNCH OPERATOR, OFFICE MACHINE SERVICEMAN AND COURT REPORTER ARE FOUND IN THIS INTEREST AREA.

OCCUPATIONS

RELATED TO OUTDOOR INTEREST

OCCUPATION	DOT
AEROSPACE ENGINEERS	002
AGRICULTURAL ENGINEERS	013
AIRLINE PILOTS	196
AIRPLANE GROUND SERVICEMEN	912
AIRPLANE MECHANICS	621
AMBULANCE DRIVERS	913
ANIMAL KEEPERS	356
ANTHROPOLOGISTS	055
ARCHAEOLOGISTS	055
ARMED FORCES	378
ASBESTOS & INSULATING WORKERS	863
ATHLETIC COACHES	099
BOILERMAKERS	805
BOOK EDITORS	132
BOTANISTS	041
BRICKLAYERS	861
BUILDING CONTRACTORS	182
CABLE SPLICERS	829
CARPENTERS	860
CATTLEMEN	431
CEMENT MANUFACTURING WORKERS	570
CEMENT MASONS	844
CIVIL ENGINEERS	005
COMMERCIAL & INDUSTRIAL PHOTOGRAPHERS	143
CONSTRUCTION LABORERS	86-
COOPERATIVE EXTENSION SERVICE WORKERS	096
CROP SCIENTISTS	040
CUSTOMS WORKERS	188
DAIRY FARMERS	411
DELIVERY ROUTE SALESMEN	292
DIVERS	439
DRIVING INSTRUCTORS	099
ELEMENTARY SCHOOL TEACHERS	092
FARM EQUIPMENT DEALERS	277
FARM LABORERS	421
FBI AGENTS	375
FEDERAL GOVERNMENT INSPECTORS & EXAMINERS	168
FIRE FIGHTERS	373
FISHERMEN	431
FLIGHT ENGINEERS	621
FLORISTS	142
FORESTERS	040
FOREST TECHNICIANS	441
FUR FARMERS	419
GARDENERS & GROUNDS KEEPERS	407
GEOGRAPHERS	059
GEOLOGISTS	024
GEOPHYSICISTS	024
GLAZIERS	865
GUARDS, WATCHMEN	372
HELICOPTER PILOTS	196
HIGHWAY ENGINEERS	005
HORTICULTURISTS	406
LANDSCAPE ARCHITECTS	019
LATHERS	842
LINEMEN	822
LOCAL BUS DRIVERS	913
LOCAL TRUCK DRIVERS	900
LONG DISTANCE TRUCK & BUS DRIVERS	903
LONGSHOREMEN & STEVEDORES	911
LUMBERMEN	940
MAIL CARRIERS	233
MERCHANT MARINE OFFICERS	197
MERCHANT SEAMEN	911
METAL MINING WORKERS	010
MINING ENGINEERS	010
MUSEUM WORKERS	102
NURSERYMEN & LANDSCAPERS	406
OCEANOGRAPHERS	024
OCEANOGRAPHIC TECHNICIANS	199
OPERATING ENGINEERS	859
OPERATING RAILROAD WORKERS	910
PARK RANGERS	169
PEST CONTROL OPERATORS	389
PETROLEUM ENGINEERS	010
PETROLEUM EXPLORATION & PRODUCTION WORKERS	011
PHYSICAL EDUCATION TEACHERS	099
PLUMBERS & PIPEFITTERS	862
POLICE	375
POLICEWOMEN	375
POULTRYMEN	412
POWER TRUCK OPERATORS	892
PRESS PHOTOGRAPHERS	143
PROFESSIONAL ATHLETES	153
PUBLIC UTILITY WORKERS	959
RADIO-TV SERVICE TECHNICIANS	720
RAILROAD BRAKEMEN	910
RAILROAD FREIGHT CONDUCTORS	198
RAILROAD TRACK WORKERS	869
REAL ESTATE APPRAISERS	250
RECREATION WORKERS	187
REPORTERS	132
ROOFERS	804
SAFETY ENGINEERS	012
SERVICE STATION WORKERS	915
SHIPBUILDERS	807
SOIL SCIENTISTS	040
STATE TRAFFIC OFFICERS (hiway patrol)	375

OCCUPATIONS

RELATED TO MECHANICAL INTEREST

OCCUPATION	DOT
AEROSPACE ENGINEERS	002
AEROSPACE INDUSTRIES MANUFACTURING WORKERS	806
AEROSPACE TECHNICIANS	621
AGRICULTURAL ENGINEERS	013
AIR CONDITIONING & REFRIGERATION ENGINEERS	007
AIR CONDITIONING TECHNICIANS	637
AIRLINE PILOTS	196
AIRPLANE GROUND SERVICEMEN	912
AIRPLANE MECHANICS	621
AIR TRAFFIC CONTROLLERS	193
ALUMINUM INDUSTRY WORKERS	501
AMBULANCE DRIVERS	913
ANESTHETISTS	070
APARTMENT HOUSE JANITORS	381
APARTMENT HOUSE MANAGERS	320
APPAREL PATTERNMAKERS	781
APPRENTICES	
ARCHITECTS	001
ARMED FORCES	378
ASBESTOS & INSULATING WORKERS	863
ASSEMBLERS IN THE ELECTRONICS INDUSTRY	720
ASTRONOMERS	021
ATOMIC ENERGY TECHNICIANS	015
AUTOMATIC VENDING ROUTEMAN	292
AUTOMOBILE BODY REPAIRMEN	807
AUTOMOBILE MANUFACTURING WORKERS	806
AUTOMOBILE SALESMEN	280
AUTOMOTIVE MECHANICS	620
AUTOMOTIVE PARTS SALESMEN	289
BAKERS	526
BLACKSMITHS	610
BOILERMAKERS	805

OCCUPATIONS

RELATED TO MECHANICAL INTEREST

OCCUPATION	DOT
FARM EQUIPMENT DEALERS	277
FARM LABORERS	421
FILM EDITORS	143
FINGERPRINT TECHNICIANS	375
FIRE FIGHTERS	373
FIRE PROTECTION ENGINEERS	012
FISHERMEN	431
FLIGHT ENGINEERS	621
FLOOR COVERING INSTALLERS	864
FOOD STORE MANAGERS	290
FOOD TECHNOLOGISTS	022
FOREMEN	183
FOREST TECHNICIANS	441
FUR INDUSTRY WORKERS	783
GARDENERS & GROUNDS KEEPERS	407
GEOLOGISTS	024
GEOPHYSICISTS	024
GLAZIERS	865
HELICOPTER PILOTS	196
HIGH SCHOOL TEACHERS	091
HIGHWAY ENGINEERS	005
HOME AFFLIANCE SERVICEMEN	637
HOTEL & MOTEL MANAGERS	242
INDUSTRIAL DESIGNERS	142
INDUSTRIAL ENGINEERS	012
INHALATION THERAPISTS	079
INSTRUMENT REPAIRMEN	710
IRON & STEEL WORKERS	512
JEWELERS	700
KEYPUNCH OPERATORS	213
LATHERS	842
LAUNDRY WORKERS	361
LENS GRINDERS	673
LINEMEN	822
LOCAL BUS DRIVERS	913
LOCAL TRUCK DRIVERS	900
LONG DISTANCE TRUCK & BUS DRIVERS	903
LONGSHOREMEN & STEVEDORES	911
LUMBERMEN	940
MACHINISTS	600
MAIDS	323
MAINTENANCE MEN	899
MEAT PACKING WORKERS	525
MECHANICAL ENGINEERS	007
MEDICAL TECHNOLOGISTS	078
MERCHANT SEAMEN	911
METALLURGICAL ENGINEERS	011
METAL MINING WORKERS	010
MILLWRIGHTS	638
MINING ENGINEERS	010
MOTORCYCLE MECHANICS	620
MUSICAL INSTRUMENT REPAIRMEN	730
NONFERROUS METALS INDUSTRY WORKERS	519

OCCUPATION	DOT
BOOKBINDERS	643
BOOK EDITORS	132
BOWLING MACHINE MECHANICS	829
BRICKLAYERS	861
BROADCAST TECHNICIANS	194
BUILDING CONTRACTORS	182
BUILDING SERVICE WORKERS	381
BUTCHERS	316
CABINETMAKERS	660
CABLE SPLICERS	829
CARPENTERS	860
CEMENT MANUFACTURING WORKERS	570
CEMENT MASONS	844
CERAMIC ENGINEERS	006
CHEMICAL ENGINEERS	008
CIVIL ENGINEERS	005
CLEANING & DYEING WORKERS	362
COIN VENDING MACHINE MECHANICS	639
COMMERCIAL & INDUSTRIAL PHOTOGRAPHERS	143
COMPOSITORS & PRINTING PRESSMEN	651
CONFECTIONARY INDUSTRY WORKERS	973
CONSTRUCTION LABORERS	529
COOKS AND CHEFS	86
COOPERATIVE EXTENSION SERVICE WORKERS	096
CROP SCIENTISTS	040
CUSTOM TAILORS & DRESSMAKERS	785
DAIRY FARMERS	411
DAIRY INDUSTRY WORKERS	529
DAIRY TECHNOLOGISTS	040
DARKROOM TECHNICIANS	976
DATA-PROCESSING MACHINE OPERATORS	213
DATA-PROCESSING MACHINE SERVICEMEN	828
DENTAL HYGIENISTS	078
DENTAL LABORATORY TECHNICIANS	712
DENTISTS	072
DIESEL MECHANICS	625
DIVERS	439
DRAFTSMEN	017
DRAPERY SEAMSTRESSES	787
DUPLICATING MACHINE OPERATORS	207
ELECTRICAL ENGINEERS	003
ELECTRICAL REPAIRMEN	829
ELECTRICIANS	824
ELECTRONICS ENGINEERS	003
ELECTRONIC TECHNICIANS	003
ELECTROPLATERS	500
ELEMENTARY SCHOOL TEACHERS	092

OCCUPATION	DOT
NUCLEAR ENGINEERS	015
OCCUPATIONAL THERAPISTS	079
OFFICE MACHINE SERVICEMEN	633
OFFSET LITHOGRAPHERS	971
OPERATING ENGINEERS	859
OPERATING RAILROAD WORKERS	910
OPTICAL MECHANICS	713
OPTICIANS	713
OPTOMETRISTS	079
PAINTERS & PAPERHANGERS	840
PEST CONTROL OPERATORS	389
PETROLEUM ENGINEERS	010
PETROLEUM EXPLORATION & PRODUCTION WORKERS	011
PETROLEUM REFINERY WORKERS	541
PHOTOENGRAVERS	971
PHOTOGRAPHIC LABORATORY TECHNICIANS	976
PHYSICAL THERAPISTS	079
PHYSICISTS	023
PHYSICS TECHNICIANS	023
PIANO TUNERS	730
PLASTERERS	842
PLASTICS INDUSTRY WORKERS	754
PLUMBERS & PIPEFITTERS	862
POWER TRUCK OPERATORS	892
PRESS PHOTOGRAPHERS	143
PUBLIC UTILITY WORKERS	959
RADIOLOGIC TECHNOLOGISTS	078
RADIOLOGISTS	070
RADIO-TV SERVICE TECHNICIANS	720
RAILROAD BRAKEMEN	910
RAILROAD FREIGHT CONDUCTORS	198
RAILROAD TRACK WORKERS	869
REFRIGERATION & AIR-CONDITIONING MECHANICS	637
RETAIL SALESPEOPLE	260
ROD & CHAIN MEN	018
ROOFERS	804
SAFETY ENGINEERS	012
SANITARY ENGINEERS	005
SAWMILL WORKERS	667
SERVICE STATION WORKERS	915
SHEET METAL WORKERS	804
SHIPBUILDERS	807
SHIPPING CLERKS	222
SHOE REPAIRMEN	365
SHORT ORDER COOKS	314
SOFT DRINK INDUSTRY WORKERS	520
STATIONARY ENGINEERS	950
STRUCTURAL CLAY PRODUCTS MANUFACTURING WORKERS	779
STRUCTURAL IRON WORKERS	809

OCCUPATIONS

RELATED TO MECHANICAL INTEREST

OCCUPATION	DOT
TABULATING MACHINE OPERATORS	213
TAXICAB DRIVERS	913
TELEPHONE INDUSTRY FRAMEMEN	822
TELEPHONE INSTALLERS	822
TELETYPE OPERATORS	203
TIRE VULCANIZERS	750
TOOL & DIE MAKERS	601
TRAFFIC ENGINEERS	019
UPHOLSTERERS	780
WAREHOUSE WORKERS	922
WATCH REPAIRMEN	715
WELDERS	810

OCCUPATIONS

RELATED TO COMPUTATIONAL INTEREST

OCCUPATION	DOT
ACCOUNTANTS	160
ACCOUNTING CLERKS	219
ACTUARIES	020
AGRICULTURAL ENGINEERS	013
AIR-CONDITIONING & REFRIGERATION ENGINEERS	007
AIRLINE DISPATCHERS	912
AIRLINE PILOTS	196
AIRLINE TRAFFIC AGENTS & CLERKS	912
AIR TRAFFIC CONTROLLERS	193
ARCHITECTS	001
ARMED FORCES	378
ASTRONOMERS	021
ATOMIC ENERGY TECHNICIANS	015
BANK OFFICERS	186
BANK WORKERS	212
BIOCHEMISTS	041
BOOK EDITORS	132
BOOKKEEPERS	210
BOOKKEEPING MACHINE OPERATORS	215
BUILDING CONTRACTORS	182
BUYERS	162
CALCULATING MACHINE OPERATORS	216
CASHIERS	211
CERTIFIED PUBLIC ACCOUNTANTS	160
CHEMICAL ENGINEERS	008
CHEMISTS	022
CITY MANAGERS	188
CITY PLANNERS	199
CIVIL ENGINEERS	005
CREDIT MANAGERS	168
CROP SCIENTISTS	040
DAIRY TECHNOLOGISTS	040
DATA-PROCESSING MACHINE OPERATORS	213
DATA-PROCESSING MACHINE SERVICEMEN	828

OCCUPATIONS

RELATED TO COMPUTATIONAL INTEREST

OCCUPATION	DOT
TAPE LIBRARIANS	223
TECHNICAL WRITERS	139
TRAFFIC ENGINEERS	019

OCCUPATIONS

RELATED TO SCIENTIFIC INTEREST

OCCUPATION	DOT
AEROSPACE ENGINEERS	002
AGRICULTURAL ENGINEERS	013
AIR-CONDITIONING & REFRIGERATION ENGINEERS	007
AIR-CONDITIONING TECHNICIANS	637
AIRLINE DISPATCHERS	912
AIRLINE PILOTS	196
AIRPLANE MECHANICS	621
ANESTHETISTS	070
ANTHROPOLOGISTS	055
ARCHAEOLOGISTS	055
ARMED FORCES	378
ASTRONOMERS	021
ATOMIC ENERGY TECHNICIANS	015
AUTOMOTIVE MECHANICS	620
BIOCHEMISTS	041
BIOLOGICAL SCIENTISTS	041
BOOK EDITORS	132
BOTANISTS	041
BROADCAST TECHNICIANS	194
CATTLEMEN	413
CHEMICAL ENGINEERS	008
CHEMISTS	022
CHIROPRACTORS	079
CITY MANAGERS	188
CITY PLANNERS	199
CIVIL ENGINEERS	005
COMMERCIAL & INDUSTRIAL PHOTOGRAPHERS	143
COOPERATIVE EXTENSION SERVICE WORKERS	096
CRIMINOLOGISTS	054
CROP SCIENTISTS	040
DAIRY FARMERS	411
DAIRY INDUSTRY WORKERS	529
DAIRY TECHNOLOGISTS	040
DATA-PROCESSING MACHINE OPERATORS	213
DATA-PROCESSING MACHINE SERVICEMEN	828
DENTAL ASSISTANTS	079
DENTAL HYGIENISTS	078
DENTAL LABORATORY TECHNICIANS	712

OCCUPATIONS

RELATED TO SCIENTIFIC INTEREST

OCCUPATION	DOT
NUCLEAR ENGINEERS	015
NURSERYMEN & LANDSCAPERS	406
NURSE'S AIDES	355
OCCUPATIONAL THERAPISTS	079
OCEANOGRAPHERS	024
OCEANOGRAPHIC TECHNICIANS	199
OPHTHALMOLOGISTS	070
OPTICAL MECHANICS	713
OPTICIANS	299
OPTOMETRISTS	079
ORDERLIES	355
PATHOLOGISTS	070
PATTERNMAKERS	693
PEST CONTROL OPERATORS	389
PETROLEUM ENGINEERS	010
PHARMACISTS	074
PHARMACOLOGISTS	041
PHOTOENGRAVERS	971
PHYSICAL THERAPISTS	079
PHYSICIANS	070
PHYSICISTS	023
PHYSICS TECHNICIANS	023
PLUMBERS & PIPEFITTERS	862
PROBATION & PAROLE WORKERS	195
PROGRAMMERS	020
PSYCHIATRIC SOCIAL WORKERS	195
PSYCHIATRISTS	070
PSYCHOLOGISTS	045
PUBLIC HEALTH NURSES	075
PUBLIC LIBRARIANS	100
PUBLIC UTILITY WORKERS	959
RADIOLOGIC TECHNOLOGISTS	078
RADIOLOGISTS	070
RADIO OPERATORS	379
RADIO-TV SERVICE TECHNICIANS	720
REGISTERED NURSES	075
REPORTERS	132
RETAIL SALESPEOPLE	260
SAFETY ENGINEERS	012
SANITARY ENGINEERS	005
SCIENCE WRITERS	139
SOIL SCIENTISTS	040
SPECIAL LIBRARIANS	100
SPEECH & HEARING CLINICIANS	079
SURGEONS	070
SYSTEMS ANALYSTS	012
SYSTEMS ENGINEERS	003
TEACHERS OF EXCEPTIONAL CHILDREN	094
TECHNICAL ILLUSTRATORS	017
TECHNICAL WRITERS	139
TOOL & DIE MAKERS	601
TRAFFIC ENGINEERS	019

OCCUPATIONS

RELATED TO PERSUASIVE INTEREST

OCCUPATION	DOT
DISPLAY WORKERS	298
DRIVING INSTRUCTORS	099
ELEMENTARY SCHOOL TEACHERS	092
EMPLOYMENT SERVICE INTERVIEWERS	045
EXECUTIVES	189
EXPORT AND IMPORT WORKERS	184
FARM EQUIPMENT DEALERS	277
FASHION DESIGNERS	142
FILM EDITORS	143
FLORISTS	142
FOOD STORE CHECKERS	290
FOOD STORE WORKERS	290
FOREIGN CORRESPONDENTS	132
FOREIGN SERVICE WORKERS	188
FOREMEN	183
FREE-LANCE WRITERS	130
GENERAL MERCHANDISE SALESCLERKS	260
GUARDS, WATCHMEN	372
HIGH SCHOOL TEACHERS	091
HOME APPLIANCE SERVICEMEN	637
HOME ECONOMISTS	096
HOSPITAL ADMINISTRATORS	187
HOTEL & MOTEL WORKERS	242
HOTEL MANAGERS	163
HOUSE-TO-HOUSE SALESPEOPLE	289
INDUSTRIAL ENGINEERS	012
INSTRUMENTAL MUSIC TEACHERS	152
INSURANCE ADJUSTERS	241
INSURANCE AGENTS	250
INTERIOR DESIGNERS & DECORATORS	142
INTERNAL REVENUE AGENTS	188
JUDGES	111
KINDERGARTEN & NURSERY SCHOOL TEACHERS	092
LAWYERS	110
LITERARY AGENTS	191
MAGAZINE EDITORIAL WORKERS	132
MODELS	297
MUSICAL INSTRUMENT REPAIRMEN	730
NEWS CAMERAMEN	143
NEWSPAPER EDITORS	132
OCCUPATIONAL THERAPISTS	079
OFFICE MACHINE SERVICEMEN	633
OPTICIANS	299
ORCHESTRA CONDUCTORS	152
PERFORMING MUSICIANS	152
PERSONNEL WORKERS	166
PHYSICAL EDUCATION TEACHERS	099
PHYSICAL THERAPISTS	079
PLAYWRIGHTS	131
POLICE	375
POLICEWOMEN	375
POLITICAL WORKERS	165

OCCUPATION	DOT
DRAFTSMEN	017
ECONOMISTS	050
ELECTRICAL ENGINEERS	003
ELECTRONIC TECHNICIANS	003
EXECUTIVES	189
EXPORT AND IMPORT WORKERS	184
FBI AGENTS	375
FIRE PROTECTION ENGINEERS	012
FLIGHT ENGINEERS	621
FLOOR COVERING INSTALLERS	864
FOOD STORE WORKERS	290
FOOD TECHNOLOGISTS	022
FOREIGN SERVICE WORKERS	188
GEOGRAPHERS	059
GEOLOGISTS	024
GEOPHYSICISTS	024
HELICOPTER PILOTS	196
HIGHWAY ENGINEERS	005
HOSPITAL ADMINISTRATORS	187
INDUSTRIAL ENGINEERS	012
INSTRUMENT REPAIRMEN	710
INSURANCE ADJUSTERS	241
INSURANCE AGENTS	250
INSURANCE CLERKS	209
INSURANCE UNDERWRITERS	169
INTERNAL REVENUE AGENTS	188
MATHEMATICIANS	020
MECHANICAL ENGINEERS	007
MEDICAL RECORD LIBRARIANS	100
METALLURGICAL ENGINEERS	011
METEOROLOGISTS	025
MINING ENGINEERS	010
NUCLEAR ENGINEERS	015
OCEANOGRAPHERS	024
OFFICE CLERKS	209
OPTOMETRISTS	079
PETROLEUM ENGINEERS	010
PHYSICISTS	023
PHYSICS TECHNICIANS	023
PROGRAMMERS	020
PUBLIC HEALTH SANITARIANS	079
PURCHASING AGENTS	162
RADIO-TV TIME SALESMAN	253
REAL ESTATE AGENTS	250
RESTAURANT MANAGERS	187
SANITARY ENGINEERS	005
SECURITIES SALESMEN	251
SHEET METAL WORKERS	804
SHIPBUILDERS	807
SHIP DESIGNERS	014
SOIL SCIENTISTS	040
SPECIAL LIBRARIANS	100
SURVEYORS	018

OCCUPATION	DOT
DENTISTS	072
DETECTIVES	376
DIETITIANS	077
DRAFTSMEN	017
ECONOMISTS	050
EKG (electrocardiogram) TECH.	078
ELECTRICAL ENGINEERS	003
ELECTRICIANS	824
ELECTRONICS ENGINEERS	003
ELECTRONIC TECHNICIANS	003
EXPERIMENTAL PSYCHOLOGISTS	045
FBI AGENTS	375
FINGERPRINT TECHNICIANS	375
FIRE PROTECTION ENGINEERS	012
FLIGHT ENGINEERS	621
FLORISTS	142
FOOD FREEZING & CANNING WORKERS	529
FOOD TECHNOLOGISTS	022
FORESTERS	040
FOREST TECHNICIANS	441
FUNERAL DIRECTORS & EMBALMERS	338
GARDENERS & GROUNDS KEEPERS	407
GEOGRAPHERS	059
GEOLOGISTS	024
GEOPHYSICISTS	024
HELICOPTER PILOTS	196
HIGHWAY ENGINEERS	005
HOME APPLIANCE SERVICEMEN	637
HOME ECONOMISTS	096
HORTICULTURISTS	406
HOSPITAL ATTENDANTS	079
INHALATION THERAPISTS	079
INSTRUMENT REPAIRMEN	710
IRON & STEEL WORKERS	512
LANDSCAPE ARCHITECTS	019
LICENSED PRACTICAL NURSES	079
MACHINISTS	600
MATHEMATICIANS	020
MECHANICAL ENGINEERS	007
MEDICAL ASSISTANTS	079
MEDICAL ILLUSTRATORS	141
MEDICAL LABORATORY ASSISTANCE	078
MEDICAL LIBRARIANS	100
MEDICAL RECORD LIBRARIANS	100
MEDICAL RESEARCHERS	070
MEDICAL SOCIAL WORKERS	195
MEDICAL TECHNOLOGISTS	078
METALLURGICAL ENGINEERS	011
METEOROLOGISTS	025
MICROBIOLOGISTS	041
MINING ENGINEERS	010
MUSEUM WORKERS	102
NONFERROUS METALS INDUSTRY WORKERS	519

OCCUPATION	DOT
TRANSLATORS & INTERPRETERS	137
TREE EXPERTS	040
VETERINARIANS	073
WELDERS	810
WILDLIFE MANAGERS	040
ZOOLOGISTS	041

OCCUPATIONS

RELATED TO PERSUASIVE INTEREST

OCCUPATION	DOT
ACTORS & ACTRESSES	150
ADVERTISING ACCOUNT EXECUTIVES	164
ADVERTISING COPYWRITERS	132
ADVERTISING WORKERS	141
AIRLINE STEWARDNESSES	352
AIRLINE TRAFFIC AGENTS & CLERKS	912
AIRPORT MANAGERS	184
AIR TRAFFIC CONTROLLERS	193
APARTMENT HOUSE MANAGERS	320
ARMED FORCES	378
ATHLETIC COACHES	099
AUTOMATIC VENDING ROUTEMEN	292
AUTOMOBILE SALESMEN	290
AUTOMOTIVE PARTS SALESMEN	289
BAND LEADERS	152
BANK OFFICERS	186
BARTENDERS	312
BEAUTY OPERATORS	332
BOOK EDITORS	132
BOOKSHOP & BOOKSTORE CLERKS	289
BUTCHERS	316
BUYERS	162
CARTOONISTS	144
CASHIERS	211
CATERERS	187
CITY MANAGERS	188
CITY PLANNERS	199
CLERGYMEN	120
COLLEGE TEACHERS	090
COMPARISON SHOPPERS	296
COOPERATIVE EXTENSION SERVICE WORKERS	096
CREDIT COLLECTORS	240
CREDIT MANAGERS	168
CREDIT WORKERS	204
CUSTOMS WORKERS	188
CUSTOM TAILORS & DRESSMAKERS	785
DELIVERY ROUTE SALESMEN	292
DEMONSTRATORS	297
DEPARTMENT STORE SALESPEOPLE	260
DETECTIVES	376
DISC JOCKEYS	159

OCCUPATION	DOT
PORTRAIT PHOTOGRAPHERS	143
PRESS PHOTOGRAPHERS	143
PRIVATE SWITCHBOARD OPERATORS	235
PROBATION & PAROLE WORKERS	195
PSYCHIATRIC SOCIAL WORKERS	195
PSYCHIATRISTS	070
PUBLIC HEALTH NURSES	075
PUBLIC RELATIONS WORKERS	165
PURCHASING AGENTS	162
RADIO & TELEVISION ANNOUNCERS	159
RADIO-TV SERVICEMEN	720
RADIO-TV TIME SALESMEN	253
RAILROAD PASSENGER CONDUCTORS	198
REAL ESTATE AGENTS	250
RECEPTIONISTS	237
RECREATION WORKERS	187
REHABILITATION COUNSELORS	045
RELIGIOUS VOCATIONS	120
REPORTERS	132
RESTAURANT MANAGERS	187
RETAIL CLOTHING SALESPEOPLE	263
RETAIL SALESPEOPLE	260
SAFETY ENGINEERS	012
SALESMEN--MANUFACTURERS & WHOLESALERS	250
SCHOOL COUNSELORS	045
SCHOOL PRINCIPALS	091
SCHOOL SUPERINTENDENTS	091
SCRIPTWRITERS	131
SERVICE REPRESENTATIVES FOR UTILITIES	249
SERVICE STATION WORKERS	915
SHOE SALESMEN	263
SIGHTSEEING GUIDES	353
SINGERS	152
SMALL BUSINESS OWNERS	160
SOCIAL WORKERS	195
TEACHERS OF EXCEPTION CHILDREN	094
TELEPHONE INSTALLERS	822
TELEPHONE OPERATORS	235
TRAFFIC ENGINEERS	019
TRAFFIC MANAGERS	184
TRANSLATORS & INTERPRETERS	137
TRAVEL AGENCY WORKERS	237
UNION BUSINESS AGENTS	187
WAITERS & WAITRESSES	311

OCCUPATIONS

RELATED TO ARTISTIC INTEREST

OCCUPATION	DOT
ACTORS AND ACTRESSES	150
ADVERTISING [illegible]	141
ARCHAEOLOGISTS	055
ARCHITECTS	001
ARMED FORCES	378
ART TEACHERS	149
BAKERS	526
BALLROOM DANCE TEACHERS	151
BARBERS	330
BEAUTY OPERATORS	332
BOOKBINDERS	643
BOOK EDITORS	132
BUYERS	162
CARTOGRAPHERS	017
CARTOONISTS	144
CITY PLANNERS	199
CLEANING & DYEING WORKERS	362
COLLEGE TEACHERS	090
COMMERCIAL & INDUSTRIAL PHOTOGRAPHERS	143
COMMERCIAL ARTISTS	141
COMPOSITORS & PRINTING PRESSMEN	651
COOKS & CHEFS	313
CUSTOM TAILORS & DRESSMAKERS	785
DANCERS	151
DISPLAY WORKERS	298
DRAFTSMEN	017
DRAPERY SEAMSTRESSES	787
ELEMENTARY SCHOOL TEACHERS	092
FASHION DESIGNERS	142
FILM EDITORS	143
FLOOR COVERING INSTALLERS	864
FLORISTS	142
FUR INDUSTRY WORKERS	783
FURNITURE DESIGNERS	142
GARDENERS & GROUNDS KEEPERS	407
GEOGRAPHERS	059
HIGH SCHOOL TEACHERS	091
INDUSTRIAL DESIGNERS	142
INTERIOR DESIGNERS & DECORATORS	142
JEWELERS	700
KINDERGARTEN & NURSERY SCHOOL TEACHERS	092
LANDSCAPE ARCHITECTS	019
MAKEUP ARTISTS	333
MEDICAL ILLUSTRATORS	141
MODELS	297
	961
MOTION PICTURE PRODUCERS & DIRECTORS	159
MUSEUM WORKERS	102
NEWS CAMERAMEN	143
NURSERYMEN & LANDSCAPERS	406

OCCUPATIONS

RELATED TO LITERARY INTEREST

OCCUPATION	DOT
LIBRARY ASSISTANTS	249
LITERARY AGENTS	191
MAGAZINE EDITORIAL WORKERS	132
MEDICAL LIBRARIANS	100
MOTION PICTURE PRODUCERS & DIRECTORS	159
MUSEUM WORKERS	102
NEWS CAMERAMEN	143
NEWSPAPER EDITORS	132
PLAYWRIGHTS	131
PROOFREADERS	651
PUBLIC LIBRARIANS	100
PUBLIC RELATIONS WORKERS	165
RADIO & TELEVISION ANNOUNCERS	159
RADIO-TV TIME SALESMEN	253
RELIGIOUS VOCATIONS	120
REPORTERS	132
RETAIL SALESPEOPLE	260
SCENE DESIGNERS	142
SCHOOL PRINCIPALS	091
SCIENCE WRITERS	139
SCRIPTWRITERS	131
SECRETARIES & STENOGRAPHERS	201
SHORTHAND REPORTERS	202
SPECIAL LIBRARIANS	100
TEACHERS OF EXCEPTIONAL CHILDREN	094
TECHNICAL WRITERS	139
TITLE EXAMINERS	119
TRANSLATORS & INTERPRETERS	137

OCCUPATIONS

RELATED TO MUSICAL INTEREST

OCCUPATION	DOT
ADVERTISING WORKERS	139
ARMED FORCES	378
BAND LEADERS	152
BOOK EDITORS	132
BROADCAST TECHNICIANS	194
COLLEGE TEACHERS	090
COMPOSERS	152
DANCERS	151
DISC JOCKEYS	159
ELEMENTARY SCHOOL TEACHERS	092
FILM EDITORS	143
FINE ARTS	many
HIGH SCHOOL TEACHERS	091
INSTRUMENTAL MUSIC TEACHERS	152
KINDERGARTEN & NURSERY SCHOOL TEACHERS	092 287
MUSIC STORE CLERKS	152

OCCUPATIONS

RELATED TO SOCIAL SERVICE INTEREST

OCCUPATION	DOT
ELEMENTARY SCHOOL TEACHERS	092
EMPLOYMENT SERVICE INTERVIEWERS	045
FBI AGENTS	375
FOREIGN SERVICE WORKERS	188
FUNERAL DIRECTORS & EMBALMERS	338
GUARDS, WATCHMEN	372
HIGH SCHOOL TEACHERS	091
HISTORIANS	052
HOME ECONOMISTS	096
HOSPITAL ADMINISTRATORS	187
HOSPITAL ATTENDANTS	079
HOTEL & MOTEL WORKERS	242
HOTEL MANAGERS	163
INDUSTRIAL & LABOR RELATIONS WORKERS	166
INDUSTRIAL HYGIENISTS	079
INHALATION THERAPISTS	079
INSTRUMENTAL MUSIC TEACHERS	152
INSURANCE ADJUSTERS	241
INSURANCE AGENTS	250
INTERIOR DESIGNERS & DECORATORS	142
JUDGES	111
KINDERGARTEN & NURSERY SCHOOL TEACHERS	092
LAWYERS	110
LEGAL SECRETARIES	201
LICENSED PRACTICAL NURSES	079
MAIL CARRIERS	233
MEDICAL ASSISTANTS	079
MEDICAL LABORATORY ASSISTANTS	078
MEDICAL LIBRARIANS	100
MEDICAL RECORD LIBRARIANS	100
MEDICAL SOCIAL WORKERS	195
MEDICAL TECHNOLOGISTS	078
MICROBIOLOGISTS	041
MODELS	297
NURSE'S AIDES	355
OCCUPATIONAL THERAPISTS	079
OPHTHALMOLOGISTS	070
OPTOMETRISTS	079
ORDERLIES	355
PATHOLOGISTS	070
PEACE CORPS WORKERS	166
PERSONNEL WORKERS	166
PHARMACISTS	074
PHARMACOLOGISTS	041
PHYSICAL EDUCATION TEACHERS	099
PHYSICAL THERAPISTS	079
PHYSICIANS	070
POLICE	375
POLICEWOMEN	375
POLITICAL SCIENTISTS	051
POLITICAL WORKERS	165

OCCUPATIONS

RELATED TO CLERICAL INTEREST

OCCUPATION	DOT
BANK WORKERS	212
BOOK EDITORS	132
BOOKKEEPERS	210
BOOKKEEPING MACHINE OPERATORS	215
CASHIERS	211
CATALOGERS	249
CERTIFIED PUBLIC ACCOUNTANTS	160
CHILDREN'S LIBRARIANS	100
CORRESPONDENCE CLERKS	204
COURT REPORTERS	202
CREDIT COLLECTORS	240
CREDIT WORKERS	204
DATA-PROCESSING MACHINE OPERATORS	213
DENTAL ASSISTANTS	079
DEPARTMENT STORE SALESPEOPLE	260
DUPLICATING MACHINE OPERATORS	207
FILE CLERKS	206
FOOD STORE WORKERS	290
FOREIGN SERVICE WORKERS	188
GENERAL MERCHANDISE SALESCLA	260
HIGH SCHOOL TEACHERS	091
HOTEL & MOTEL WORKERS	242
HOUSE-TO-HOUSE SALESPEOPLE	289
INSURANCE ADJUSTERS	241
INSURANCE AGENTS	250
INSURANCE CLERKS	209
INTERNAL REVENUE AGENTS	188
KEYPUNCH OPERATORS	213
LEGAL SECRETARIES	201
LIBRARY ASSISTANTS	249
MAIL CARRIERS	233
MAILING SERVICE WORKERS	234
MEDICAL ASSISTANTS	079
MEDICAL RECORD LIBRARIANS	100
METER READERS	239
MUSEUM WORKERS	102
MUSIC STORE CLERKS	287
OFFICE CLERKS	209
OFFICE MACHINE SERVICEMEN	633
PARTS PROGRAMMERS	289
PHARMACY HELPERS	074
POSTAL CLERKS	232
PRIVATE SWITCHBOARD OPERATORS	235
PRODUCE CLERKS	290
PROOFREADERS	651
RAILROAD PASSENGER CONDUCTORS	198
RECEPTIONISTS	237
RETAIL SALESPEOPLE	260
SECRETARIES & STENOGRAPHERS	201
SERVICE REPRESENTATIVES FOR UTILITIES	249
SHIPPING CLERKS	222
SHORTHAND REPORTERS	202

OCCUPATION	DOT
OCCUPATIONAL THERAPISTS	079
OFFSET LITHOGRAPHERS	651
PAINTERS & PAPERHANGERS	840
PHOTOENGRAVERS	971
PORTRAIT PHOTOGRAPHERS	143
PRESS PHOTOGRAPHERS	143
PROFESSIONAL ATHLETES	153
PUBLIC LIBRARIANS	100
REPORTERS	132
SCENE DESIGNERS	142
SIGN PAINTERS	970
SPECIAL LIBRARIANS	100
SURVEYORS	018
TEACHERS OF EXCEPTIONAL CHILDREN	094
TECHNICAL ILLUSTRATORS	017
UPHOLSTERERS	780

OCCUPATIONS

RELATED TO LITERARY INTEREST

OCCUPATION	DOT
ACTORS & ACTRESSES	150
ADVERTISING ACCOUNT EXECUTIVES	164
ADVERTISING COPYWRITERS	132
ADVERTISING WORKERS	141
ANTHROPOLOGISTS	055
ARCHAEOLOGISTS	055
ARMED FORCES	378
BOOK EDITORS	132
CATALOGERS	249
CHILDREN'S LIBRARIANS	100
CLERGYMEN	120
COLLEGE ADMINISTRATORS	090
COLLEGE TEACHERS	090
COMMERCIAL ARTISTS	141
COURT REPORTERS	202
DISC JOCKEYS	159
EDITORIAL ASSISTANTS	132
ELEMENTARY SCHOOL TEACHERS	092
FILM EDITORS	143
FOREIGN CORRESPONDENTS	132
FOREIGN SERVICE WORKERS	188
FREE-LANCE WRITERS	130
HIGH SCHOOL TEACHERS	091
HISTORIANS	052
JUDGES	111
KINDERGARTEN & NURSERY SCHOOL TEACHERS	092
LAWYERS	110

OCCUPATION	DOT
ORCHESTRA CONDUCTORS	152
PERFORMING MUSICIANS	152
PIANO TUNERS	730
PUBLIC LIBRARIANS	100
SINGERS	152
SINGING TEACHERS	152
SPECIAL LIBRARIANS	100
TEACHERS OF EXCEPTIONAL CHILDREN	094

OCCUPATIONS

RELATED TO SOCIAL SERVICE INTEREST

OCCUPATION	DOT
ADMITTING CLERKS	237
AIRLINE STEWARDESSES	352
AMBULANCE DRIVERS	913
ANESTHETISTS	070
ANTHROPOLOGISTS	055
ARMED FORCES	378
ART TEACHERS	149
ATHLETIC COACHES	099
BANK OFFICERS	161
BARBERS	330
BARTENDERS	312
BEAUTY OPERATORS	332
BOOK EDITORS	132
BUILDING SERVICE WORKERS	187
CASHIER	211
CATERERS	187
CHILD-DAY CARE WORKERS	359
CHIROPRACTORS	079
CITY PLANNERS	199
CLERGYMEN	120
COLLEGE ADMINISTRATORS	090
COLLEGE TEACHERS	090
COOKS & CHEFS	313
COOPERATIVE EXTENSION SERVICE WORKERS	096
CREDIT WORKERS	204
CRIMINOLOGISTS	054
DENTAL ASSISTANTS	079
DENTAL HYGIENISTS	078
DENTAL LABORATORY TECHNICIANS	712
DENTISTS	072
DEPARTMENT STORE SALESPEOPLE	260
DETECTIVES	376
DIETITIANS	077
DRIVING INSTRUCTORS	099
DRUGSTORE CLERKS	290
ECONOMISTS	050

OCCUPATION	DOT
POSTAL CLERKS	232
PROBATION & PAROLE WORKERS	195
PSYCHIATRIC SOCIAL WORKERS	195
PSYCHIATRIC TECHNICIANS	355
PSYCHIATRISTS	070
PSYCHOLOGISTS	045
PUBLIC HEALTH NURSES	075
PUBLIC LIBRARIANS	100
RADIOLOGIC TECHNOLOGISTS	078
RADIOLOGISTS	070
RECEPTIONISTS	237
RECREATION WORKERS	187
REGISTERED NURSES	075
REHABILITATION COUNSELORS	045
RELIGIOUS VOCATIONS	120
RESTAURANT MANAGERS	187
SAFETY ENGINEERS	012
SANITARY ENGINEERS	005
SCHOOL COUNSELORS	045
SCHOOL PRINCIPALS	091
SCHOOL SUPERINTENDENTS	091
SERVICE REPRESENTATIVES FOR UTILITIES	249
SERVICE STATION WORKERS	915
SIGHTSEEING GUIDES	353
SINGING TEACHERS	152
SOCIAL WORKERS	195
SOCIOLOGISTS	054
SPECIAL LIBRARIANS	100
SPEECH & HEARING CLINICIANS	079
TEACHERS OF EXCEPTIONAL CHILDREN	094
TELEPHONE OPERATORS	235
TRANSLATORS & INTERPRETERS	137
TRAVEL AGENCY WORKERS	237
WAITERS & WAITRESSES	311

OCCUPATIONS

RELATED TO CLERICAL INTEREST

OCCUPATION	DOT
ACCOUNTANTS	160
ACCOUNTING CLERKS	219
ACTUARIES	020
ADMITTING CLERKS	237
ADVERTISING WORKERS	050
AIRLINE TRAFFIC AGENTS & CLERKS	912
ARMED FORCES	378
AUTOMATIC VENDING ROUTEMAN	292
AUTOMOTIVE PARTS SALESMEN	289
BANK OFFICERS	161

OCCUPATION	DOT
STOCK CLERKS	223
TAPE LIBRARIANS	223
TELEPHONE OPERATORS	235
TELETYPE OPERATORS	203
TRANSLATORS & INTERPRETERS	137
TRAVEL AGENCY WORKERS	237
TYPIST	203
WAREHOUSE WORKERS	922

MATCHING INTERESTS AND OCCUPATIONS

COLLEGES and UNIVERSITIES

IDAHO

BOISE STATE UNIVERSITY
BOISE, IDAHO 83725

COLLEGE OF IDAHO
CALDWELL, IDAHO 83605

COLLEGE OF SOUTHERN IDAHO
P. O. BOX 1238
TWIN FALLS, IDAHO 83301

IDAHO STATE UNIVERSITY
POCATELLO, IDAHO 83209

LEWIS-CLARK STATE COLLEGE
EIGHTH AVENUE AND SIXTH STREET
LEWISTON, IDAHO 83501

NORTHWEST NAZARENE COLLEGE
NAMPA, IDAHO 83651

NORTH IDAHO COLLEGE
1000 W. GARDEN AVENUE
COEUR d'ALENE, IDAHO 83814

RICKS COLLEGE
REXBURG, IDAHO 83440

UNIVERSITY OF IDAHO
MOSCOW, IDAHO 83843

UTAH

BRIGHAM YOUNG UNIVERSITY
PROVO, UTAH 84601

UNIVERSITY OF UTAH
SALT LAKE CITY, UTAH 84112

UTAH STATE UNIVERSITY
LOGAN, UTAH 84321

WEBER STATE COLLEGE
3750 HARRISON BOULEVARD
OGDEN, UTAH 84403

VOCATIONAL-TECHNICAL SCHOOLS

AREA VOCATIONAL-TECHNICAL SCHOOL
BOISE STATE UNIVERSITY
BOISE, IDAHO 83725

AREA VOCATIONAL-TECHNICAL SCHOOL
COLLEGE OF SOUTHERN IDAHO
P. O. BOX 1238
TWIN FALLS, IDAHO 83301

EASTERN IDAHO VOCATIONAL-TECHNICAL SCHOOL
IDAHO FALLS, IDAHO 83401

AREA VOCATIONAL-TECHNICAL SCHOOL
IDAHO STATE UNIVERSITY
POCATELLO, IDAHO 83201

AREA VOCATIONAL-TECHNICAL SCHOOL
LEWIS-CLARK STATE COLLEGE
LEWISTON, IDAHO 83501

AREA VOCATIONAL-TECHNICAL SCHOOL
NORTH IDAHO COLLEGE
1000 W. GARDEN AVENUE
COEUR d' ALENE, IDAHO 83814

PRIVATE SCHOOLS

(Listed in alphabetical order by cities in Idaho)

BINGHAM MEMORIAL HOSPITAL, BLACKFOOT
BOISE ACADEMY OF HAIR DESIGN, BOISE
BOISE SECRETARIAL CENTER, BOISE
HOLLYWOOD BEAUTY COLLEGE, BOISE
IMPERIAL DOG GROOMING SCHOOL, BOISE
LADY CATHERINE PROFESSIONAL BEAUTY COLLEGE, BOISE
LINK'S SCHOOL OF BUSINESS, BOISE
STATE BARBER and BEAUTY COLLEGE, BOISE
CASSIA MEMORIAL HOSPITAL, BURLEY
OVERLAND BEAUTY COLLEGE, BURLEY
CALDWELL MEMORIAL HOSPITAL SCHOOL, CALDWELL
HOLLYWOOD BEAUTY COLLEGE, CALDWELL
KANE'S SCHOOL OF BEAUTY CULTURE, COEUR d'ALENE
WILLIAM KNOX MEMORIAL HOSPITAL SCHOOL, EMMETT
BERNINA SEWING CENTER, IDAHO FALLS
GLENN E. CLARK, SECRETARIAL & ACCOUNTING COLLEGE, IDAHO FALLS
KING-LAWRENCE BEAUTY COLLEGE, IDAHO FALLS
SACRED HEART HOSPITAL SCHOOL, IDAHO FALLS
VOGUE BEAUTY COLLEGE, IDAHO FALLS
MR. NICK'S BEAUTY COLLEGE, LEWISTON
GRITMAN MEMORIAL HOSPITAL SCHOOL, MOSCOW
IDAHO COLLEGE OF BARBARING & MEN'S HAIR STYLING, NAMPA
PARKER'S HOLLYWOOD BEAUTY COLLEGE, NAMPA
SUPERIOR WESTERN PROFESSIONAL BEAUTY COLLEGE, NAMPA
PAYETTE BEAUTY COLLEGE, PAYETTE
ST. ANTHONY COMMUNITY HOSPITAL SCHOOL, POCATELLO
KING-LAWRENCE BEAUTY COLLEGE, REXBURG
BEAUTY ARTS ACADEMY, TWIN FALLS
MR. JUAN'S COLLEGE OF HAIR DESIGN, TWIN FALLS
PARKER'S HOLLYWOOD BEAUTY COLLEGE, TWIN FALLS
ROLLIE MOORE SCHOOL OF BROADCAST, TWIN FALLS
TWIN FALLS BUSINESS COLLEGE, TWIN FALLS
WESTERN NATIONAL SCHOOL OF HEAVY EQUIPMENT OPERATION, INC., WEISER ,

APPRENTICESHIP TRAINING

AIR CONDITIONING MECHANIC
AIRCRAFT MECHANIC
APPLIANCE SERVICEMAN
AUTO BODY & FENDER REPAIR
AUTO GLASS INSTALLER
AUTO MACHINIST
AUTO MECHANIC
AUTO PAINTER
BAKER
BINDERY WORKER
BLACKSMITH
BOILERMAKER
BRAKEMAN (R.R.)
BRICKLAYER
BUSINESS MACHINE SERVICEMAN
BUTCHER
CABINET MAKER
CAMERAMAN (GRAPHIC ARTS)
CANVAS WORKER
CARMAN (R.R.)
CARPENTER
CEMENT MASON
COMMUNICATIONS TECHNICIAN
COMPOSING ROOM MACHINIST
COMPOSITOR (PRINTING IND.)
CONSTRUCTION INDUSTRY
COOK
DECORATOR (CONSTRUCTION IND)
DENTAL TECHNICIAN
DIESEL MECHANIC
DRY-WALL TAPER
ELECTRIC MOTOR REPAIRMAN
ELECTRICIAN
ELECTRONICS TECHNICIAN
ELECTROPLATER
ENGINEER (R.R.)
FARM EQUIPMENT MECHANIC
FIREMAN (R.R.)
FLOOR COVERER
GAS ENGINE REPAIR
GLAZIER
GUNSMITH
HEAVY EQUIPMENT MECHANIC
HEAVY EQUIPMENT OPERATOR
IRON WORKER
JEWELER
LATHER
LINEMAN
LOCKSMITH
MACHINIST
MAILER (PRINTING IND.)
MEATCUTTER
METAL POLISHER
MILLWRIGHT
MONUMENT MAKER
MOTOR BOAT MECHANICS
MOTOR CYCLE MECHANIC
OPERATING ENGINEER (CONSTRUCTION)
OPTICAL TECHNICIAN
PAINTER (CONSTRUCTION)
PIPEFITTER
PLASTERER
PLATEMAKER (GRAPHIC ARTS)
PLUMBER
POWER PLANT MECHANIC
PRESSMAN
PRINTER
PRINTING INDUSTRY
PUMP REPAIRMAN (SERVICE STATION)
RADIO/TV REPAIRMAN
RAILROAD INDUSTRY
REFRIGERATION MECHANIC
ROOFER
SHEETMETAL WORKER
SIGN ELECTRICIAN
SIGN PAINTER
SMALL ENGINE REPAIR
STEREOTYPER (GRAPHIC ARTS)
TENT/AWNING MAKER
TRUCK MECHANIC
TROWELER (CONSTRUCTION)
UPHOLSTERER
WELL DRILLER

FOR SUCH SERVICES OR MORE SPECIFIC INFORMATION, ASSISTANCE MAY BE FURNISHED BY ANY OF THE FOLLOWING:

BUREAU OF APPRENTICESHIP & TRAINING
U. S. DEPARTMENT OF LABOR
BOX 01, FEDERAL BUILDING
550 WEST FORT STREET
BOISE, IDAHO 83724

DEPARTMENT OF EMPLOYMENT, LOCAL OFFICE

Exhibit B

Job Comparison

Worksheet

P A C E

Job Comparison Worksheet

On the following pages you will find a form on which you will be able to compare four different jobs. Choose at least one job that requires a college degree and one that requires completion of vocational or technical training. You will need to use a variety of materials in the Center to complete the worksheet. The information below will help you in completing the following pages.

JOB TITLE/NATURE OF WORK. List the job title and then briefly describe the tasks or type of work done on that job.

EDucation & Training. List the educational or training requirements for entering the job.

High School Courses. List any high school courses required for the job or needed to enter the next level of training for the job.

Salary and Fringe Benefits. List the salary or wages usually paid upon entering the job, and any fringe benefits (insurance, etc.) usually given.

Employment Outlook. Briefly describe the future of this job. Will more or fewer workers be required in the next ten years.

Opportunity for Advancement. List the jobs to which one might advance after entering the job of your choice.

Personal Qualifications. List briefly the personal qualifications such as physical size, type of personality or temperment, and special aptitudes required for job success.

Where Employed/Working Conditions. List the parts of the country in which most workers in the job are located. Describe briefly some of the conditions under which you would work. (Safe or hazardous? Noisy or quiet surrounding? Seasonal or steady? Night shifts, others).

Advantages. List the advantages you would have on this job.

Disadvantages. List the disadvantages to this job.

Places for training or Education. List the name and location of the institutions, and the duration and cost of educational or training programs which would prepare you for the job. Try to list at least two for each job.

NAME: _____ GRADE: _____ DATE: _____

JOB COMPARISON WORKSHEET

JOB TITLE NATURE OF THE WORK	EDUCATION AND TRAINING REQUIRED	HIGH SCHOOL COURSES NEEDED AND GRADES IN COURSE	SALARY AND FRINGE BENEFIT

EMPLOYMENT OUTLOOK	OPPORTUNITY FOR ADVANCEMENT	PERSONAL QUALIFICATIONS PHYSICAL, SOCIAL, APTITUDE	WHERE EMPLOYED WORKING CONDITIONS

ADVANTAGES	DISADVANTAGES	PLACES FOR TRAINING AND/OR EDUCATION NAME CITY/STATE LENGTH COST

Exhibit C

My Career Exploration

Worksheet

PACE CENTER

PROGRAMMED ACTIVITIES FOR CAREER EXPLORATION

M Y

CAREER

EXPLORATION

WORKSHEET

Name _____

Date _____

Grade _____

BINGHAM COUNTY CAREER EDUCATION PROJECT

Choosing an occupation is serious business. It is a decision that can change the whole course of your life. Job choice should be done systematically. Give it your best thought. With the help of your counselor, follow these three-steps:

1. Take stock of yourself
2. Consider job requirements
3. Consider your qualities with those required by the job.

Try to answer the following questions as you go through the process of tentatively choosing your vocation.

A. My Personal Traits:

_____ Do I like to (a) work alone or (b) with others.

_____ Do I like to (a) do the same thing over and over again or (b) perform a variety of job duties?

_____ Do I like to work to precise standards set by others or (b) use my own judgement?

_____ Do I like (a) to work in noise or confusion or (b) do I need it quiet?

_____ Do I like (a) working under pressure or (b) working in a relaxed situation?

B. My Educational Experiences

1. To the best of my memory I have received the following grades in these school subjects:

Subject	9th Grade	10th Grade
English (Literature)	_____	_____
Math (Algebra, etc.)	_____	_____
Science (general, Biology, etc.)	_____	_____
Social Studies (History, etc.)	_____	_____
Shop or Home Economics	_____	_____
Foreign Language	_____	_____
Speech	_____	_____
Physical Education	_____	_____
Others	_____	_____

2. Which two school subjects do I like most?

_____

3. Which two do I like least?

_____

4. In which did I get my highest grades?

_____

5. In which did I get my lowest grades?

_____

C. My Interests:

One of the first things you will do in exploring occupations is to determine your interests--that is the kind of activities you enjoy. Begin by answering the following questions.

1. My main hobbies and leisure-time activities are: _____

_____

_____

2. Do I like to work inside or outside? _____

3. Would I like to work with people and/or animals? YES NO

4. Would I like to work with things or machines? YES NO

5. Would I like to work with information, symbols or ideas? YES NO

6. Is working in a clean palce and keeping clean important to me? YES NO

7. What work experience have I had? _____

_____

What did I like about it? _____

_____

What did I dislike about it? _____

_____

8. My three highest interest areas as described by the Kuder General Interest Survey are: 1. _____

2. _____

3. _____

9. The career which I am now interested in pursuing after I leave school. _____

In addition, other careers I am now interested in are:

1. _____

2. _____

D. My Plans

The statement below which best describes my plans regarding high school is:

_____ I plan to enroll in skill training courses which will help me get a job when I leave high school.

_____ I plan to leave high school before graduating.

_____ I plan to graduate from high school in 7 semesters.

_____ I plan to graduate from high school in 8 semesters.

The statement below which best identifies my plan for the year after I leave high school is?

_____ Go to work full-time

_____ Become an apprentice

_____ Join one of the military services

_____ Get married

_____ Attend a college or university

_____ Attend a business or vocational technical school.

WHAT I DO WELL

(Mark an X in the right column)

		Very Good	Pretty Good	Not so Good
1.	Skiing	____	____	____
2.	Swimming	____	____	____
3.	Tennis	____	____	____
4.	Bowling	____	____	____
5.	Team games (like football, baseball)	____	____	____
6.	Music (singing, instrumental)	____	____	____
7.	Art	____	____	____
8.	Writing (poetry, stories)	____	____	____
9.	English	____	____	____
10.	Arithmetic	____	____	____
11.	Science	____	____	____
12.	History	____	____	____
13.	Home chores	____	____	____
14.	Earning, spending money	____	____	____
15.	Working out problems through reasoning	____	____	____
16.	Working with my hands--sewing or shopwork, or making things, etc.	____	____	____
17.	Memorizing	____	____	____
18.	Other things I do well: _____			

_____

_____

Anything you may do well that is not on this list s-ould be added. This is not meant to be complete, but to suggest certain strengths you may have that will remind you of others.

Exhibit D

Planning My Career

Worksheet

PLANNING MY CAREER

Name_____

Ready or not, you're going to find yourself with a career one of these days. The question is, are you going to let it be accidental or are you going to plan and make it happen? The kind of a career you select will largely determine your "Life Style".

"LIFE STYLE":

how you live
where you live
time you have for your family
type of house you live in
the way you dress
the way you speak
your friends and associates
time for church and spiritual activities
time for community work and activities
how much money you make
how much free time you have & how you use it.

The Life Style I Want

1. Where do I want to live? (small town, city, suburbs, country, pacific coast, south, or foreign country?) _____

_____

2. How much time do I want for church activity? (Sundays off, evenings free, a large block of time for special activities?) _____

_____

3. How much income do I want? (high income bracket, medium or low?) (pay isn't important--the type of career is. _____

_____

4. What kind and how much social activity do I want? (community leader, heavy social involvement, service clubs, just a quiet life with little community involvement) _____

_____

5. Do I want to travel and move a great deal? (a career that calls for transfers to different areas of the country, done during the week but home on weekends, travel during the day, but home most nights, don't want to travel, don't want to have job transfers and move my home and family) _____

_____

6. What hours do I want to work? (regular daytime hours, set my own work schedule, working evenings, shift work working weekends) _____

_____

7. How much time do I want for family and leisure activities (time during summer, time in fall, time during winter, evenings, Saturday and Sunday)

_____

_____

My Interests, Abilities and Personal Qualities (Suggestions below)

1. What are my interests? _____

_____

_____

_____

2. What are my abilities? _____

_____

_____

3. What are my personal qualities? _____

_____

_____

_____

Suggestions for "My Interests, Abilities and Personal Qualities?"

1. What are my Interests? (What do I like? What do I enjoy? Physical and outdoor, mechanical, computational, scientific, persuasive, artistic, literary, musical, social service, clerical, what am I interested in?)

2. What are my abilities? (What do I do well? Language usage, clerical speed and accuracy, mechanical, space relations, math ability, reasoning and understanding ideas, physical dexterity, coordination, mental, social skills, artistic, musical.)

3. What are my Personal Qualities? Dependable, honest, hard worker, well groomed, punctual, sincere, friendly, cooperative, mature, leadership ability, self-confident, willingness to accept instructions).

My Career Choices

Most careers are grouped in clusters. A cluster contains the occupations that have common characteristics (see page 4). For example, homemanagement is a career that many find very satisfying and rewarding. It is listed under the "Consumer and Homemaking" cluster. Now's the time for you to make some career choices, either tentative or realistic. In the blanks below select occupations that most closely line up with your interests, abilities and personal qualities. But wait! Do they match up with the life style you want, too? List occupations you might like then some reasons for your choice.

1. _____

2. _____

3. _____

Reasons for choices _____

_____

_____

_____

_____

Now that you have made some decisions, you are ready to plan for your future career.

Suggestions for "Things I Can Do To Make My Career Happen"

1. Talk to a person in the career, ask them what the career is like. Most will be happy to talk to you.
2. Visit a job situation and see for yourself what the work is like. Get your counselor or parents to help set up the visit.
3. Volunteer for a community project (tutoring, ecology, hospital aide and others.)
4. Join a club or special interest group in your school or in the community.
5. Visit possible future schools--vocational schools, colleges, and universities welcome visitors.
6. Sit down and talk to Mom and Dad about life styles and careers.
7. Participate in high school career programs.
8. Talk to your high school counselor. Here's a good source of all kinds of information.
9. Read about your career choice--libraries, magazines, career books, brochures and books.
10. Get a part-time job that is related to the career area.
11. Talk to your minister--tell him about your tentative plans and ask for suggestions.
12. Select and register for classes that will better prepare you for the career.
13. Prepare a resume.

Things I Can Do To Make My Career Happen

1. _____ Date _____
   _____ Date _____
2. _____ Date _____
   _____ Date _____
3. _____ Date _____
   _____ Date _____
4. _____ Date _____
   _____ Date _____
5. _____ Date _____
   _____ Date _____

Exhibit E

Career Information Aide

Role Description

ROLE DESCRIPTION OF CAREER INFORMATION AIDE

Minimum Requirements:

A. The Career Information Aide should be mature, pleasant and personable, possessing the ability to work equally well with school faculty and young adults. The person must be willing to develop an understanding of the concept and purpose of Career Education, the process of career development and the role of the career information services as provided through P.A.C.E. Center.

B. The person should have actual work experience outside education as well as prior experiences as a teacher aide or at least one year of education or training beyond the secondary level.

C. The person may have such additional or alternative qualifications as the Board may find appropriate and acceptable.

REPORTS TO: Director of Career Education

JCB GOAL: Through an organized program of activities, provide career and guidance information to school faculty, students and other interested persons.

1.0 DUTIES AND RESPONSIBILITIES

1.1 Become thoroughly acquainted with all career and guidance information, materials and equipment assigned to PACE Center.

1.2 Present the Programmed Activities for Career Exploration to students and other interested persons who visit PACE Center.

1.3 Assist students and other interested persons in utilizing the equipment and information provided by PACE Center.

1.4 Become acquainted with resource and referral agents and personnel in the school and community who may provide additional career or guidance information and services to students.

1.5 Become acquainted with a wide variety of information concerning careers and student options for completing the transition from education to the world of work.

2.0 STAFF PERSONNEL

2.1 Actively work with school personnel in an effort to provide career and guidance information to all who may need the service.

3.0 PUPIL PERSONNEL SERVICES

3.1 Actively work with school guidance personnel to assist in the provision of career and guidance information to students, staff and all other interested persons.

3.2 Refer students and others who may desire additional assistance and information on careers or placement options to school guidance personnel or other appropriate personnel and/or agencies.

4.0 MANAGEMENT AND EVALUATION

4.1 Maintain accurate records of students and other interested persons who visit or utilize PACE Center.

4.2 Assist in the completion of forms and reports to be submitted to the Director.

5.0 FACILITIES, EQUIPMENT AND INSTRUCTIONAL MATERIALS

5.1 Maintain the inventory of facilities, equipment and materials assigned to PACE Center.

5.2 Maintain an accurate record of all materials or equipment loaned from PACE Center.

5.3 Be responsible for the day-to-day maintenance of PACE Center facilities, equipment and materials.

6.0 SCHOOL-COMMUNITY RELATIONS

6.1 Provide information to the Director of Career Education, school personnel, students, patrons and all other interested parties of the goals, objectives and progress of the career education program.

6.2 Provide information to teachers, parents, students and other interested persons of the goals and objectives of the PACE Center.

7.0 PROFESSIONAL GROWTH

7.1 Assumes responsibility for own professional growth and development; for keeping current with information and materials assigned to PACE Center and with sources and resources for student and faculty use.

7.2 Participate in growth activities for improvement of knowledge and skills through study, travel, conferences, workshops, professional organizations and self-appraisal.

8.0 SUPPORTIVE SERVICES

8.1 Assist in the maintenance of cooperative working relationships between school personnel and the community.

9.0 ORGANIZATION and ADMINISTRATION

9.1 Be responsible to the Director of Career Education of the Bingham County Board for Cooperative Services.

9.2 Carrry out such additional duties as may be determined by the Director.

TERMS OF EMPLOYMENT

Nine, ten, eleven or twelve month year. Salary and work year to be established by the Board.

EVALUATION

Performance of this job will be evaluated in accordance with provisions of the Board's policy on Evaluation of Instructional Personnel.

Approved by _____ date _____

Reviewed and Agreed to by _____ date _____
(Incumbent)

Exhibit F

PACE Questionnaire

P A C E QUESTIONNAIRE

Name _____ Grade _____ Date_____

Instructions: For the questions below choose the best answer and circle the number of that answer in the column to the left.

1 2 3 4 1. How do you feel about the amount of time that you spent in PACE Center? (1) More time was needed (2) About the right amount of time was provided (3) Had too much time (4) I don't know.

1 2 2. Would you like to have an opportunity to use the PACE Center again? (1) Yes (2) No

1 2 3 4 3. How do you feel about the helpfulness of the PACE Center? (1) Very helpful (2) Helpful (3) Somewhat helpful (4) Not helpful

1 2 4. Have you ever been given the opportunity to do activities similar to those which you did in the PACE Center? (1) Yes (2) No

If yes, in what grade? _____

In which activities did you participate while in the PACE Center? (Check all that apply)

_____ looked at filmstrips on several occupations.

_____ looked through a school or college catalog.

_____ read one or more pamphlets on job(s) I was interested in.

_____ took notes on job(s) I was interested in.

_____ listened to tape(s) on occupations.

_____ read information in reference books on jobs or work skills.

_____ looked at filmstrips about college, vocational-technical school or job training program.

_____ looked at filmstrip on how to get a job.

_____ talked to the teacher about job opportunities, schools, or career fields.

What suggestions do you have for improving the PACE Center?

_____

_____

Exhibit G

Figure I

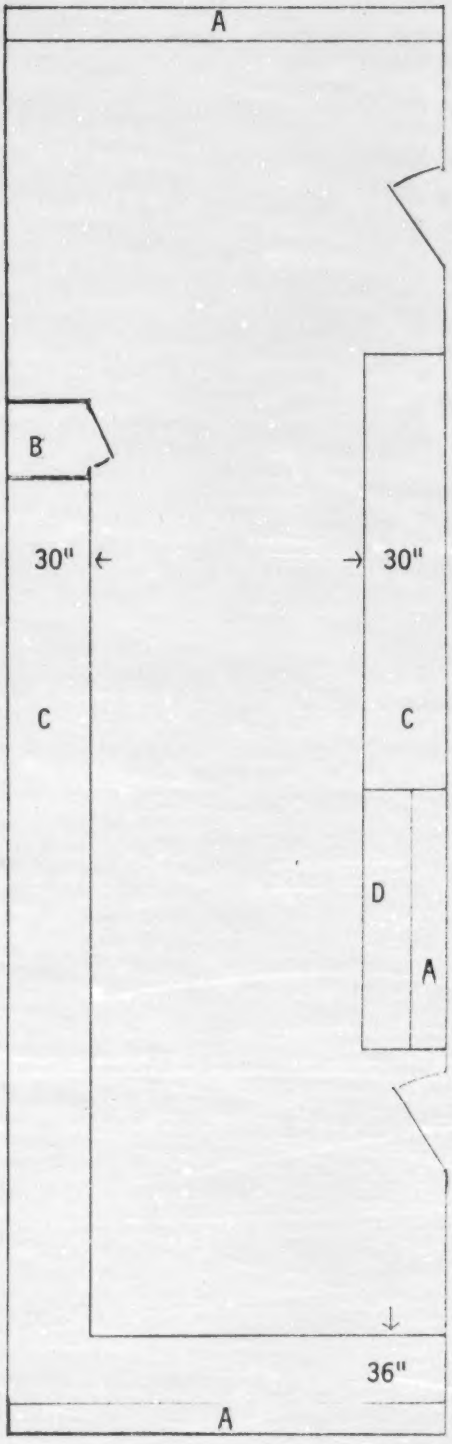
Construction Floorplan, PACE CENTER

Figure II

Operational Layout, PACE CENTER

APPENDIX G

Figure I



PROGRAMMED ACTIVITIES FOR CAREER EXPLORATION

Mobile Career Information Center

12' x 44'

Scale: 3/16" = 1'

Construction Floor Plan

A. Overhead storage cabinet:
   18" high, 12" deep, 1 interior shelf

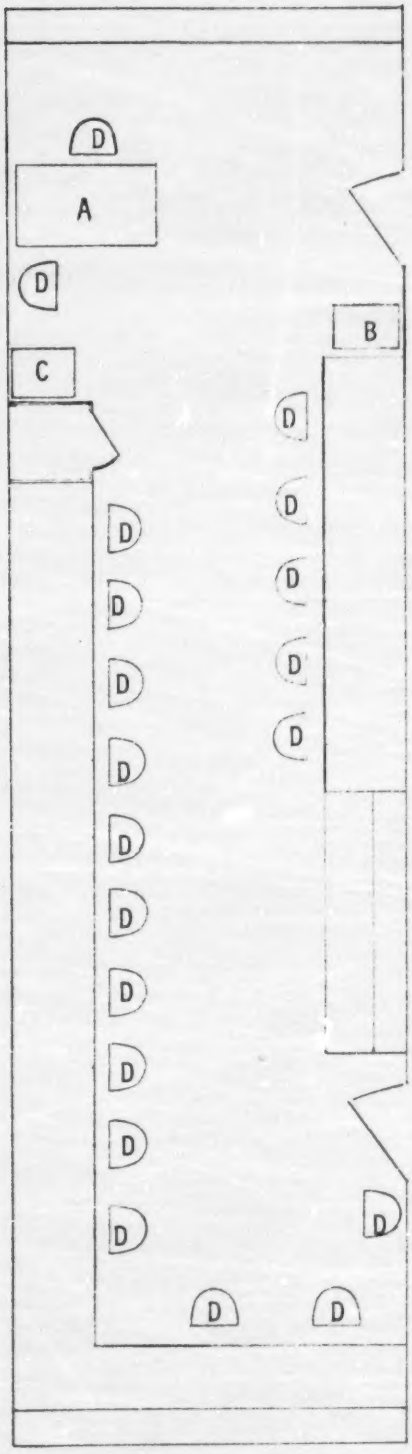
B. Furnace location

C. Counter, 29" high, attached to sidewall studes, support legs at 6' intervals

D. Cabinet with counter: 36" high, 8' long, 30" wide.

APPENDIX G

Figure II



PROGRAMMED ACTIVITIES FOR CAREER EXPLORATION

Mobile Career Information Center

12' x 44'

Scale: 3/16" = 1'

Operational Layout

A. Aide's desk
B. Tu-dror Career Information File
C. Legal size file cabinet, 4-drawer
D. Chair

17 LEARNING STATIONS

12 Audio/visual
2 Microfilm
3 Miscellaneous

Exhibit H

Equipment, Instructional Materials and Supplies

PACE CENTER

Equipment

Quantity	Item Description	Estimate of Cost Unit	Total
1	3M Executive IV Microfiche Reader Printer	$750.00	$750.00
	Source: Yost Office Equipment 675 E. Anderson Idaho Falls, ID 83401		
1	DuKane A-V Matic Sound/Filmstrip viewer	275.00	275.00
	Source: Guidance Associates Pleasantville, New York		
10	Hudson Filmstrip Viewer	25.00	250.00
25	Pegboard bookracks (61-734)	1.95	48.75
6	Pegboard bookracks (61-723	2.20	13.20
	Source: The Highsmith Company P.O. Box 25 Fort Atkinson, Wisconsin 53538		
6	Cassette tape recorder/player (Channel Master)	49.95	299.70
3	Cassette tape player w/AC Adaptor (Norelco 1100)	29.00	87.00
	Source: Carter Supply Co. 3208 Washington Blvd. Ogden, Utah		
3	Cassette tape player (AC) (Caliphone AV-15)	39.50	118.50
10	Headphones w/miniplugs	6.25	62.50
10	Headphones w/¼" phone plug	6.25	62.50
	Source: Stockdale, Inc. 2211 West 2300 South Salt Lake City, Utah 84119		

Equipment (continued)

Quantity	Item Description	Estimate of Cost Unit	Total
1	Single Pedestal desk	125.00	125.00
1	4-drawer legal file cabinet	70.00	70.00
2	Waste baskets	5.00	10.00
1	Coat Rack	9.00	9.00
24	Chairs (Virco #9000)	9.90	237.60

Source: M & H Office Supply
101 West Pacific
Blackfoot, ID 83221

Instructional Materials

Quantity	Item Description	Estimate of Cost Unit	Total
1!	Widening Occupational Roles Kit	$170.00	$170.00
1!	Occupational Exploration Kit	120.00	120.00
1	KEYS - Sound Filmstrips to accompany Kuder E. General Interest Survey	100.00	100.00
1 set	Junior Guidance Series Booklets	20.00	20.00
1 set	Guidance Series Booklets	30.00	30.00
1 set	Occupational Information Briefs	85.00	85.00
	Source: Science Research Associates 259 East Erie St. Chicago, Illinois 60611		
1 set	Education for Occupations Sound/Filmstrip	78.00	78.00
1 set	Leisure Time--Busy or Bored? Sound/Filmstrip	56.00	56.00
	Source: Eyegate House, Inc. 146-01 Archer Avenue Jamaica, N.Y. 11435		
1 set	Accoustifone Career Exploration Series Sound Filmstrips #401-420	59.50	1195.00
	Source: George Webb Audio-Visuals 937 East 33rd South Salt Lake City, Utah 84108		
1 each	Sound Filmstrip kits as listed below Cassette Format	41.50	581.00
	What you should Know Before You Go to Work Preparing for the Jobs of the 70's Jobs and Gender Job Hunting: Where to Begin Trouble at Work On the Job: Four Trainees		

Instructional Materials (Continued)

Quantity	Item Description	Estimate of Cost Unit	Total
	Liking your Job and your Life A Job that Goes Someplace Choosing Your Career Preparing for the World of Work College? It's Up to You What to Expect at College High School Course Selection and your Career Your Job Interview		
	Why Work at All Jobs for You: It's Happening in Home Economics	21.50	43.00
	People Who Work in Science People Who Create Art People Who Help Others People Who Organize Facts People Who Make Things People Who Influence Others	41.50	249.00

Source: Guidance Associates
757 Third Avenue
New York, New York 10017

Instructional Materials (Continued)

Quantity	Item Description	Estimates of Cost Unit	Total
1 each	"Careers" sound-filmstrips as listed .Cassette format (7)	44.00	308.00
	"Careers in Nursing" "Careers in Journalism" "Careers in Business Administration" "Careers in Health Services" "Careers in Education" "Careers in Agriculture" "Careers in Engineering"		
	Source: Pathescope Educational Filmss Inc. 71 Weyman Avenue New Rochelle, N.Y. 10802		
1 set	Dictionary of Occupational Titles (6 volumes)	23.25	23.25
1 set	Dictionary of Occupational Titles (Vol. I, II.)	14.00	14.00
7	Occupational Outlook Handbook	6.25	25.00
1 set	Occupational Outlook Handbook Reprint Series	16.25	16.25
1 set	Encyclopedia of Careers (Vol. I, II)	27.50	27.50
	Source: Associated Publishers 355 State Street Los Altos, California 94022		
1	Occupational View Deck w/Viewer	160.00	160.00
1	College View Deck (2 & 4 year) w/viewer	160.00	160.00
1	Occupational Library in Tudror File	311.00	311.00
1	Occupational Microfile	65.00	65.00
1	Counselor's Professional Filing System	35.00	35.00
	Source: Chronicle Guidance Publications Moravia, New York		

Instructional Materials (Continued)

Quantity	Item Description	Estimate of Cost Unit	Total
1 each	"American Occupations" series Cassette tapes (30) (Titles listed below)	4.90	147.00

Accountant/Advertising Workers
Actor-Actress/Astronomers
Architect/Technical Writer
Biochemist/Life Scientist
College Teacher/Engineering Science
Commercial Artist/Singers & Singing Teachers
Dancers/Musician and Music Teachers
Dental Assistant/Dental Lab Technicaan
Dentist/Dental Hygienist
Engineering/Types of Engineering
Forester/Forestry Aides
Home Economist/College Placement Officer
Interior Decorator/Industrial Designer
Lawyer/Landscape Architects
Librarian/Library Technicians
Mathematician/Statistician
Medical Laboratory Worker/Speech Pathologist & Audiologist
Occupational Therapist/Physical Therapist
Oceanographer/Mereorologist
Pharmacist/Optometrist
Physicians/Osteopathic Physicians
Physicist/Chemist
Pilot I/Pilot II
Psychologist/Recreation Worker
Range Manager/Employment Counselor
School Counselor/Rehabilitation Counselor
Sociologist/Political Scientist
Stewardess/Flight Engineer
Surveyor/Social Worker
Veterinarian/Sanitarians

Source: Creative Studies, Inc.
P.O. Box 830
San Bernadino, CA 92402

Instructional Materials (Continued)

Quantity	Item Description	Estimate of Cost Unit	Total
1 each	Hoffman Career Awareness Series Sound/Filmstrip (Titles listed below)	10.95	646.05

Accountant
Admitting Clerk
Airline Pilot
Airline Stewardess
Animal Keeper
Architect
Auto Parts Counterman
Bank Officer
Bank Teller
Biochemist
Biologist
Bookkeeper
Chemical Engineer
Chemist
Civil Engineer
Copywriter
Costume Designer
Dairy Herdsman
Dental Assistant
Dental Hygienist
Dental Lab Technician
Dentist
Electrical Engineer
Electrocardiograph Technician
Fish & Game Warden
Florist
Forklift Operator
Geologist
Grocery Checker
Heavy Equipment Operator
Helicopter Pilot
Highway Patrol
Insurance Agent
Interior Designer
Lawyer
Librarian
Medical Lab Assistant
Medical Technologist
Mortician
Nurse Aide
Occupational Therapist
Optometrist
Orderly
Park Ranger
Pharmacist
Physical Therapist
Physician
Psychologist
Quality Control Inspector
Radio Announcer
Radiological Technician
Recreation Worker
Service Writer
Stock Clerk
Travel Agent
Veterinarian
Waiter/Waitress
Warehouseman
Watchmaker

Source: Evans Supply, Inc.
509 West 2nd North
Salt Lake City, Utah 84116

Instructional Materials (Continued)

Quantity	Item Description	Estimate of Cost Unit	Total
1 set	Coping With Series booklets	20.00	20.00
	Source: American Guidance Service, Inc. Publishers' Building Circle Pines, Minn. 55014		

Consumable Materials

1 yr. subscription	3-in-1 Service (for Occupational Information)	55.00	55.00
	Source: Chronicle Guidance Publications, Inc. Moravia New York 13118		
1 yr. subscription	American Trade Schools Directory	25.00	25.00
	Source: Croner Publications, Inc. 211-03 Jamaica Avenue Queens Village, New York 11428		
	Standard Office Supplies & Miscellaneous Equipment		100.00
	Kuder E-General Interest Survey		
116 pkgs.	Test booklets	7.60	981.60
8 pkgs.	Backboards	10.25	82.00
7 pkgs.	Punch Pins	5.25	36.75
	Source: Science Research Associates 259 East Erie St. Chicago, Illinois 60611		